

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	327	(multi near cast\$4) and (parity or CRC)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 15:00
L3	160	(multi near cast\$4) and ((parity or CRC) with error)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 14:58
L4	2	(multi near cast\$4) and (((parity or CRC) with error) with (location or address) with (block or segment))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 14:57
L5	0	(multi near cast\$4) and (((parity or CRC) with error) with (location or address) with (block or segment)) and (meta with data)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 14:58
L6	0	(multi near cast\$4) and (((parity or CRC) with error) with (location or address) with (block or segment)) and meta	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 14:58
L7	160	(multi near cast\$4) and ((parity or CRC) with error) and (meta near\$4 data)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 14:58
L8	326	(multi near cast\$4) and (parity or CRC) and (meta near\$4 data)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 15:01
L9	84	(multi near cast\$4) and (parity or CRC) and (meta near\$4 data) and (parity with error)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 15:01
L10	10	(multi near cast\$4) and (parity or CRC) and (meta near\$4 data) and (parity with error) and (error with (redundancy or redundant or duplicat\$4 or replicat\$4 or cop\$4))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:10
L11	24108	(parity with (meta near\$4 data))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:11
L12	10469	(parity with (meta near\$4 data)) and (multi near\$4 cast\$4)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:11

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L13	354	(parity with (meta near\$4 data)) and (multi near\$4 cast\$4) and (directory with (meta near\$4 data)) and (file with (meta near\$4 data))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:16
L14	4	(parity with (meta near\$4 data)) and (multi near\$4 cast\$4) and (directory with (meta near\$4 data)) and (file with (meta near\$4 data)) and (device with (block or segment) with pair)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:15
L15	354	(parity with (meta near\$4 data)) and (multi near\$4 cast\$4) and (directory with (meta near\$4 data)) and (file with (meta near\$4 data))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:15
L16	354	(parity with (meta near\$4 data)) and (multi near\$4 cast\$4) and (directory with (meta near\$4 data)) and (file with (meta near\$4 data)) and (file with (meta near\$4 data))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:16
L17	354	(parity with (meta near\$4 data)) and (multi near\$4 cast\$4) and (directory with (meta near\$4 data)) and (file with (meta near\$4 data)) and (file with (meta near\$4 data)) and (directory with (meta near\$4 data))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:17
L18	200	(parity with (meta near\$4 data)) and (multi near\$4 cast\$4) and (directory with (meta near\$4 data)) and (file with (meta near\$4 data)) and pair	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:19
L19	75	(parity with (meta near\$4 data)) and (multi near\$4 cast\$4) and (directory with (meta near\$4 data)) and (file with (meta near\$4 data)) and pair and ((replicat\$4 or duplicat\$4 or copy\$4 or redundan\$4) with error)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:24
L20	40	l19 and metadata	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 16:44
L21	1	"6502174".pn. and parity and error and meta	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 17:25
L22	1	"20030014391".pn.	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 18:03

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L23	0	"5403639".pn. and realtime	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 17:28
L24	1	"5403639".pn. and (real near\$4 time)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 17:29
L25	40	(real with time with multi with cast\$4)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 17:34
L26	1	(real with time with multi with cast\$4) and (meta with data)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 17:30
L27	1	l25 and (meta with data)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 17:33
L28	1	l25 and meta	US-PGPUB; USPAT; JPO; IBM_TDB	OR	OFF	2006/06/05 17:34


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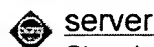

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# 1 [Scalable and fault-tolerant support for variable bit-rate data in the exedra streaming](#)


[server](#)

Stergios V. Anastasiadis, Kenneth C. Sevcik, Michael Stumm

 November 2005 **ACM Transactions on Storage (TOS)**, Volume 1 Issue 4

Publisher: ACM Press

Full text available: pdf(1.01 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We describe the design and implementation of the Exedra continuous media server, and experimentally evaluate alternative resource management policies using a prototype system that we built. Exedra has been designed to provide scalable and efficient support for variable bit-rate media streams whose compression efficiency leads to reduced storage space and bandwidth requirements in comparison to constant bit-rate streams of equivalent quality. We examine alternative disk striping policies, and qua ...

**Keywords:** Content distribution, multimedia compression

# 2 [The TickerTAIP parallel RAID architecture](#)



Pei Cao, Swee Boon Lin, Shivakumar Venkataraman, John Wilkes

 August 1994 **ACM Transactions on Computer Systems (TOCS)**, Volume 12 Issue 3

Publisher: ACM Press

Full text available: pdf(2.04 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Traditional disk arrays have a centralized architecture, with a single controller through which all requests flow. Such a controller is a single point of failure, and its performance limits the maximum number of disks to which the array can scale. We describe TickerTAIP, a parallel architecture for disk arrays that distributes the controller functions across several loosely coupled processors. The result is better scalability, fault tolerance, and flexibility. This article present ...

**Keywords:** RAID disk array, decentralized parity calculation, disk scheduling, distributed controller, fault tolerance, parallel controller, performance simulation

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directory, metadata, file, error, parity, multicas

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**[DOC] Fcast multicast file distribution:**

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Fcast, "file multicasting", combines multicast with Forward Error ... The metadata is appended to the end of the file as a trailer and sent as part of the ...

research.microsoft.com/~jgummell/pubs/FcastTR-99-14.doc - [Similar pages](#)

**Index**

**metadata file** type, Windows · mirror set, Windows; MJPEG. vsload, AIX · vsload,

Windows ... **parity**, Windows. defining stripe set with. parsing, Windows ...

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system. At the same time only one client manipulates. a file. Our multicast flow control mechanism has two. working modes, both modes utilizing the error ...

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usage of the metadata. In particular, the root. directory is replicated in all islands; files are not. replicated across islands; intermediate directories ...

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ual file and directory operations and. overall application performance are. measured, with both data-intensive. workloads and metadata-intensive ...

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**CIS307: Introduction to Distributed Systems and Networks - LOG**

**Error** detection and correction : parity, checksum, CRC, digests, ... Internal structure of Unix files, data blocks vs directory blocks (metadata). ...

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(storage-, mirror- or parity-daemon). It also includes the. multicast IP address for the ... directory in the global file system for one cluster is hosted ...

doi.ieeecomputersociety.org/10.1109/ICPADS.2002.1183415 - [Similar pages](#)

**Citations: Deceit: A Flexible Distributed File System - Siegel ...**

Prefetching And Caching Metadata In A Distributed Nfs Server - Liu, Ou, Zheng, ...

Description type file type, eg regular or directory mode UNIX permission ...

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**ABKLEX (P)**

... Module PBM Portable Bitmap PBM Position Based Multicast PBN Packet Based ...

Value PE **Parity Error** PE Peripherie Einrichtung PE Phase Encoded/Encoding PE ...  
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**Review: Pastry routing tables**

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Could round-robin packets down **multicast** trees. - Or could stripe at the bit level. - One tree could be **parity** bit, to survive a failure ...

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**Google Groups results for directory, metadata, file, error, parity, multicasting**



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